



**GRAVITY CAST PVT. LTD.**  
**GRAVITY GROUP OF COMPANIES**

## Material - DIN 2.4647

### Standard Specification for Nickel and Chromium Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4647 Nickel and Chromium Alloy Casting

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.200 - 0.400	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	0.100 max.		
Chromium	Cr %	24.000 - 26.000		
Aluminium	Al %	2.400 - 3.000		
Copper	Cu %	0.150 max.		
Iron	Fe %	8.000 - 11.000		
Phosphorus	P %	0.020 max.		
Sulphur	S %	0.015 max.		
Titanium	Ti %	0.100 - 0.250		
Yttrium	Y %	0.050 - 0.150		
Zirconium	Zr %	0.010 - 0.100		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiCr25FeAlYC	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

**ONE STOP SOLUTION FOR METAL PARTS**